

XP-002252787

84:136272

- Aqueous acrylic or methacrylic acid salt solutions
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- SO - Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

- DT - Patent
- LA - Japanese

FAN. CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PN	JP50142511	A	19751117	JP 1974-52273	19740513
PR	JP 1974-52273			19740513	

- AB - Stable aq. acrylic or methacrylic acid salt solns. were prepd. by adding alkali to aq. acrylic (I) [79-10-7] or methacrylic acid (II) [79-41-4] solns. contg. polymn. inhibitors and active C to effect neutralization or by adding I or II contg. polymn. inhibitors and alkali to active C in H<sub>2</sub>O to effect neutralization. Thus, 305 g I contg. 200 ppm hydroquinone Me ether (III) [150-76-5] and 340 g 50 wt.% NaOH were added slowly to 425 g H<sub>2</sub>O contg. 3.8 g active C at 30-40.degree. in 40 min to give a I Na salt [7446-81-3] soln. contg. 4.5 ppm III, which was polymd. to give a colorless gel, whereas polymn. occurred in 30 min during the neutralization in the absence of H<sub>2</sub>O.

- IT - 7446-81-3P

RL: PREP (Preparation)

(manuf. of aq. solns. of, polymn. inhibition in)

- RN - 7446-81-3 CAPLUS

- CN - 2-Propenoic acid, sodium salt (9CI) (CA INDEX NAME)

12932

12932A/07 A41 E12 TOAG 13.05.74  
IOA GOSEICHEM IND LTD \*J50142-511  
13.05.74-JA-052273 (17.11.75) C07c  
Stable aq. acrylic or methacrylic acid salt solns. - prepd. by adding  
alkali to the acid soln. contg. polymerisation inhibitors and active  
carbon

Stable aq. acrylic or methacrylic acid salt solns. were  
prepd. by adding alkali to aq. acrylic or methacrylic acid  
solns. contg. polymerisation inhibitors and active C to  
effect neutralization or by adding acrylic or methacrylic  
acid contg. polymerisation inhibitors and alkali to active  
C in H<sub>2</sub>O to effect neutralisation.

In an example, 305 g acrylic acid (I) contg. 200 ppm  
hydroquinone Me ether (II) and 340 g 50 wt. % NaOH were  
added to slowly to 425 g H<sub>2</sub>O contg. 3.8 g active C at  
40-40° in 40 min. to give a (I) Na soln. contg. 4.5 ppm  
(II) which was polymerised to give a colourless gel.

A(1-D8, 2-C) E(10-C4G, 10-E2F, 31-N4).

J50142511

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